

STEREO MOC Status Report
Time Period: 2010:179 - 2010:185

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 180, the PLASTIC SSR partition began overwriting at approximately 1706z due to insufficient track coverage. This resulted in the loss of 2.25 hours of PLASTIC SSR data.
- On day 181, during the DSS 26 support, the command uplink was late due to an overload condition on the motor generator for the transmitter before BOT. DSS 25 was brought on-line to provide an uplink for 1.5 hours beginning at 1315z. This resulted in the loss of 194 minutes of commanding and tracking data and several minutes of SSR data. See DR# G110321 for more information.

2. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Ahead was 5.4 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 180, during the DSS 24 support, turbo decoder lock was lost briefly at 2024z and again at 2109z. This resulted in the loss of 13 frames of instrument SSR data. See DR# N106391 for more information.
- On day 182, during the DSS 25 support, telemetry lock was lost for three minutes at 2146z due to a mis-configuration at the station. All SSR data was recovered. See DR# G110323 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 181, during the DSS 15 support, IMPACT loaded a patch to the shared IMPACT/PLASTIC IDPU to correct a checksum error in memory locations associated with PLASTIC HV adjustments.
- On day 182, the 12th HGA calibration was conducted.
- The average daily SSR playback volume for Behind was 5.0 Gbits during this week.